

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 1 148 673 A (LUCENT TECHNOLOGIES INC) 24 October 2001 (2001-10-24)</p> <p>page 2, line 21 - line 27 page 2, line 35 - line 44 page 3, line 23 - line 24 page 3, line 46 - line 57 page 4, line 5 - line 33 figure 4 figure 5</p> <p style="text-align: center;">----- -/-</p>	<p>1, 2, 4-13, 15-18</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

22 September 2004

Date of mailing of the international search report

30/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 1 148 674 A (LUCENT TECHNOLOGIES INC) 24 October 2001 (2001-10-24)</p> <p>page 2, column 1, line 38 - column 2, line 3 page 3, column 3, line 16 - line 26 page 3, column 4, line 18 - line 21 page 4, column 5, line 1 - line 11 page 4, column 5, line 31 - line 32 page 4, column 5, line 40 - line 51 page 5, column 7, line 16 - line 30 figure 4 figure 8</p>	1-5,8, 10,13, 15-18
A	<p>WO 02/087139 A (MAGNOLIA BROADBAND INC) 31 October 2002 (2002-10-31) page 2, line 2 - line 3 page 2, line 14 - page 3, line 2 page 4, line 3 - line 5 figure 1</p>	1-18
A	<p>US 5 867 478 A (BAUM KEVIN LYNN ET AL) 2 February 1999 (1999-02-02) column 1, line 7 - line 10 column 4, line 40 - line 43 column 5, line 56 - line 59 column 6, line 39 - line 45 column 7, line 7 - line 19 column 9, line 44 - line 51 column 13, line 9 - line 11</p>	1-18
A	<p>EP 1 170 897 A (SONY INT EUROP GMBH) 9 January 2002 (2002-01-09) column 10, line 18 - line 35 figure 4</p>	1-18
A	<p>US 2002/122381 A1 (MA JIANGLEI ET AL) 5 September 2002 (2002-09-05) page 3, column 2, paragraph 40 - paragraph 41 page 4, column 1, paragraph 43</p>	1,2,6,7, 10,15-18

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